



**NOTICE OF PREPARATION OF
DRAFT SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT
ORINDA WATER TREATMENT PLANT
DISINFECTION IMPROVEMENTS PROJECT
EAST BAY MUNICIPAL UTILITY DISTRICT**

AUGUST 15, 2019

TO: Responsible and Trustee Agencies, Organizations, and Interested Parties

FROM: East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607-4240

SUBJECT: Notice of Preparation of a Draft Supplemental Environmental Impact Report for the Orinda Water Treatment Plant Disinfection Improvements Project

The East Bay Municipal Utility District (EBMUD), acting as lead agency under the California Environmental Quality Act (CEQA), is preparing a Supplemental Environmental Impact Report (SEIR) for the Orinda Water Treatment Plant (WTP) Disinfection Improvements Project (Project). This Project is a modification of the disinfection improvements at the Orinda WTP analyzed in EBMUD's Water Treatment and Transmission Improvements Program (WTTIP) EIR, which was certified in 2006.

AGENCIES: EBMUD requests your input regarding the scope and content of the environmental information that is germane to your agency's statutory responsibilities in connection with the proposed Project.

ORGANIZATIONS AND OTHER INTERESTED PARTIES: EBMUD requests comments from organizations and interested parties regarding the environmental issues associated with construction and operation of the proposed Project.

PROJECT TITLE: Orinda Water Treatment Plant Disinfection Improvements Project

PROJECT LOCATION: The Orinda WTP is located at 190 Camino Pablo on a 25-acre site in the City of Orinda, CA. The Project site is located north of Highway 24 and is bounded by Camino Pablo on the southwest and San Pablo Creek on the northeast (see Figure 1). The Orinda WTP site is bisected by Manzanita Drive, a public street.

PROJECT PURPOSE: The Orinda WTP serves more than 800,000 EBMUD customers, including customers in the City of Orinda. The Project will upgrade and replace existing facilities and construct new facilities at the Orinda WTP as part of EBMUD's WTTIP. WTTIP improvements are necessary to address system-wide water treatment and distribution needs to ensure a reliable water supply for current and future customers.

At the Orinda WTP, the current water treatment process will be improved by adding ultraviolet (UV) and chlorine disinfection after water treatment at the Orinda WTP filters. Adding disinfection improvements post-filtration will reduce the formation of disinfection by-products (e.g., trihalomethanes, THMs) which form when chlorine reacts with naturally-occurring organic matter in water. In addition, the Project will improve disinfection reliability, improve operational flexibility, and reduce disinfection complexity. The Project will provide reliable water treatment infrastructure that meets long-term operational needs and will continue to meet drinking water and environmental regulations to achieve EBMUD's internal long-term water quality goals.

PROJECT DESCRIPTION: The Project includes demolition of an existing maintenance building and construction of a new disinfection facility comprised of a new above-ground two-story maintenance and ultra-

violet electrical (MAUVE) building with a below-grade UV structure and a below-grade chlorine contact basin (CCB), two electrical buildings, a standby generator, pipelines and vaults, and other supporting facilities. The MAUVE building with UV structure and the CCB will be adjacent and fully integrated facilities. Maintenance activities and associated uses previously housed in the existing maintenance building that will be demolished will be incorporated into the Project disinfection facility and grounds maintenance building with associated parking at the Orinda WTP site (see Figure 2 for Project components). The Project will also remove vegetation, replace existing and install new security fencing, and restore and landscape the site following construction.

POTENTIAL ENVIRONMENTAL EFFECTS: The following areas of potentially significant environmental impacts will be analyzed in the SEIR: Aesthetics, Air Quality, Biological Resources, Cultural Resources, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Public Services, Transportation and Traffic, Tribal Cultural Resources, and Wildfire. Potential cumulative impacts and potential for growth inducement will be addressed; alternatives, including the No Project Alternative, will be evaluated.

PUBLIC REVIEW PERIOD: This Notice of Preparation (NOP) is available for public review and comment for 30 days. The comment period for the NOP begins August 15, 2019 and ends on September 16, 2019. Your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

SCOPING MEETING: EBMUD will hold a scoping meeting on August 26, 2019, starting at 6 p.m. at the Masonic Lodge located at 9 Altarinda Road in Orinda. You are welcome to attend and present environmental information that you believe should be addressed in the SEIR.

RESPONSES AND QUESTIONS: Responses to or questions regarding this NOP should be directed to:

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East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607-4240
orwtp.improvements@ebmud.com

CEQA PROCESS: The Draft SEIR is planned for publication in spring 2020, with action by EBMUD's Board of Directors expected in fall 2020. Notice will be given of public meetings, including a meeting that will be held during the Draft SEIR comment period. At the end of the review and comment process, EBMUD's Board of Directors will determine whether to certify the SEIR and approve the Project. The NOP and all CEQA-related documents for this Project will be available for review on the EBMUD website at:
www.ebmud.com/orwtpimprovements



Xavier J. Irias
Director of Engineering and Construction
East Bay Municipal Utility District



Date

XJI:DJR:CW:sjp
sb19_138a_OrindaWTP Disinfection_NOP

Attachments: Figure 1 Project Location
Figure 2 Project Components



SOURCE: ESA, 2019; ESRI, 2019.

EBMUD Orinda Water Treatment Plant Disinfection Improvements Project

Figure 1
Project Location



SOURCE: ESA, 2019; ESRI, 2019.

NOTE: For pipes and other below-grade project components, refer to the Proposed Site Plan.

EBMUD Orinda Water Treatment Plant Disinfection Improvements Project



Proposed Project Components on Existing Orinda Water Treatment Plant Site

Figure 2
Project Components